



# Dnyaneshwar Vidyapeeth (Trust)

CENTRAL EXAMINATION BOARD

ASSIGNMENT OF ADVANCED COMPUTER PROGRAMMING

SUB -CODE- (COM-G740P)  
ASSIGNMENT NO. 1

COURSE: ADVANCED TECH-QUIC PROGRAM  
(Assignment Based on Topic No. 1,2)

SESSION - WINTER  
BRANCH - Elect / E&TC

Q.1 Answer the following (Questions for 2 Marks):

- 1) What is reference variable?
- 2) What do you mean by instantiation?
- 3) When we declare a method as abstract?
- 4) What is an array?
- 5) What event does the applet receive when Shift and Ctrl keys are pressed together?
- 6) What is the use of public specifier?
- 7) What do you mean by overloading? Is it possible to overload a constructor?

Q.2 Answer the following (Questions for 4 Marks):

- 1) What are the types of data used in Java Programming?
- 2) Write short notes on - Inheritance
- 3) Write short notes on -Event handling
- 4) What is encapsulation? Give an example.
- 5) How can we pass arguments to Java programs and methods?
- 6) Write a Java program that has a method for initialization of variables 10 and 20 and another method, which will display the variables and their sum.
- 7) When do you declare a method as Static, Final or Abstract?

Q.3 Answer the following (Questions for 8 Marks):

- 1) Explain the following program in detail -

```
Class1
{
    public static void main(String args[])
    {
        System.Out.println("WEL COME");
    }
}
```

- 2) Define any class, which contains data members and methods.
- 3) State and explain different components of JDK.
- 4) Write a note on Method overloading with example.
- 5) Explain with a neat diagram the various forms of implementing interfaces
- 6) Explain the statement – ‘Constructors are overloaded’.

-----